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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

5

Complete if Known

Application Number	Unknown
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Filing Date	Herewith
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First Named Inventor	Mark A. Lemkin
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Group Art Unit	Unknown
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Examiner Name	Unknown
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Attorney Docket Number AIMI-01833US0

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JF5 Dand J J. Wang & J. Tanaka		4,861,420		Knutti et al.	08-29-1989	156/1633
		4,882,933		Petersen et al.	11-28-1989	73/517R
		4,904,978		Barth et al.	02-27-1990	338/147
		4,993,143		Sidner et al.	02-19-1991	291/621.1
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		5,231,301		Peterson et al.	07-27-1993	257/419
		5,313,836		Fujii et al.	05-24-1994	73/517R
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	5,506,175		Zhang et al.	04-09-1996	437/229	

FOREIGN PATENT DOCUMENTS

[illegible]

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Signature**

Date _____

Considered

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PTO/SB/088 (08-00)

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	Unknown
				Filing Date	Herewith
				First Named Inventor	Mark A. Lemkin
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	5	Attorney Docket Number	AIMI-01833USO

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
[Signature]		GARY K. FEDDER and TAMAL MUKHERJEE, "Physical Design for Surface-Micromachined MEM Proceedings of the 5th ACMSIGDA Physical Design Workshop, 4/15-17/1996, pp. 53-60	
[Signature]		BERNHARD E. BOSER, "Electronics for Micromachined Inertial Sensor", 1997 Int'l Conference on Solid State Sensors and Actuators, Chicago, IL, pp. 1169-1172, June 16-19, 1997	
[Signature]		HUIKAI XIE and GARY K. FEDDER, "A CMOS Z-Axis Capacitive Accelerometer With Comb-Finger Sensing", Dept. of Electrical and Computer Engineering and The Robotics Institute 8/2001	
[Signature]		CHANG LIU and Y. BAR-COHEN, "Scaling Laws of Microactuators and Potential Applications of Electroactive Polymers in MEMS", Proceedings of SPIE's 6th Annual Int'l Symposium on Smart Structures and Materials, 1-5 March, 1999, Newport Beach, CA, Paper No. 3669-33	
[Signature]		CRIST LU, MARK LEMKIN and BERNHARD E. BOSER, "A Monolithic Surface Micromachined Accelerometer with Digital Output", IEEE Journal of Solid-State Circuits, Vol. 30, No. 12, December 1995	
[Signature]		ROBERT A. CONANT, JOCELYN T. NEE, KAM Y. LAU, RICHARD S. MULLER, "A Flat High-Frequency Scanning Micromirror", 2000 Workshop for Solid State Sensors and Actuators (HH2000), Hilton Head Island, S.C., June 4-8, 2000, pp. 6-9, Digest of Technical Papers	
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[Signature]		UPPILI SRIDHAR, LIU LIAN JUN, PANG DOW FOO, "Isolation Process for Surface Micromachined Sensors and Actuators", MEMS '97 Int'l MEMS Workshop, National University of Singapore, Singapore, Dec., 1997	
[Signature]		E.K. CHAN and R.W. DUTTON, "Effects of Capacitors, Resistors and Residual Charge on the Static and Dynamic Performance of Electrostatically-Actuated Devices, CISX 305, Center for Integrated Systems, Stanford University, Stanford, CA 8/2001	
[Signature]		JOHN H. COMTOIS, M. ADRIAN MICHALICEK, CAROLE CRAIG BARRON, "Fabricating Micro-Instruments in Surface-Micromachined Polycrystalline Silicon", Proceedings of the 43rd Int'l Instrumentation Symposium Instrument Society of America, 1997, pp. 169-179	

Examiner Signature [Signature]	Date Considered 10/16/03
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Unknown
				Filing Date	Herewith
				First Named Inventor	Mark A. Lemin
				Group Art Unit	Unknown
				Examiner Name	Unknown
				Attorney Docket Number	AIMI-01833US0
Sheet	3	of	5		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	(Kind Code) (if known)			
D.J. Tamm		5,569,852		Marek et al.	10-29-1996	73 777
		5,511,428		Goldberg et al.	04-30-1996	73 504, 12
		5,537,872		Frere et al.	07-23-1996	73 514, 32
		5,574,222		Offenberg	11-12-1996	73 514, 32
		5,576,250		Diem et al.	11-19-1996	437 228
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		5,592,015		Iida et al.	01-07-1997	257 524
		5,616,523		Benz et al.	04-01-1997	438 50
		5,620,931		Tsano et al.	04-15-1997	438 50
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		5,631,422		Sulzberger et al.	05-20-1997	73 514, 32
		5,706,565		Sparks et al.	01-13-1998	29 25, 42
		5,719,069		Sparks	02-17-1998	437 59
		5,719,073		Shaw et al.	02-17-1998	437 222
		5,723,353		Muenzel et al.	03-03-1998	437 51
		5,747,353		Bashir et al.	05-05-1998	437 21
		5,747,867		Oppermann	05-05-1998	257 507
		5,756,901		Kurle et al.	05-26-1998	73 777
		5,798,283		Montague et al.	08-25-1998	438 24

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Examiner Signature	<i>Paul I. E. [Signature]</i>	Date Considered	10/16/03
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				Filing Date	Herewith
				First Named Inventor	Mark A. Lemkin
				Group Art Unit	Unknown
				Examiner Name	Unknown
				Attorney Docket Number	AIMI-01833US0
Sheet	5	of	5		

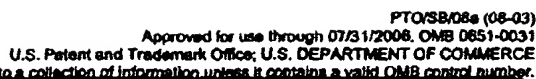
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(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Kn wn

Application Number	09/944,395
Filing Date	Aug. 31, 2001
First Named Inventor	Lemkin
Art Unit	2834
Examiner Name	Tamai, K.
Attorney Docket Number	AIMI-01833US0

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

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